

IN THE CLAIMS:

Please amend claims 1-12, 14, 16, 19, 21, 22, 24, 34, 36, and 38-40; cancel claims 15, 17, 18, 25-29 and 37; and add new claims 41-43 as set forth below.

1. (Currently amended) A call processing system for use in processing calls associated with a prison facility, comprising:

a first processor-based system coupled to a plurality of telephone terminals disposed within said prison facility, the first processor-based system disposed ~~locally with respect to~~ at the prison facility, said first processor-based system ~~providing an interface to a digital data network providing digital communication of~~ transmitting first voice signals associated with one or more of said plurality of telephone terminals via a digital data link with user terminals external to said prison facility; and

a second processor-based system coupled to said first processor-based system and disposed remotely from said prison facility, said second processor-based system ~~providing at least one aspect of call processing functionality for controlling said~~ establishing calls to called parties requested by the one or more of the plurality of telephone terminals, the second processor-based system converting the first voice signals for transmission over a carrier network responsive to receiving the first voice signals via the digital data link, the second processor-based system converting second non-VoIP (Voice over Internet Protocol) voice signals from the called parties received via the carrier network to second VoIP voice signals for transmission to the first processor-based system via the digital data link, the second processor-based system monitoring the second non-VoIP voice signals to detect fraudulent or unauthorized call activity in the calls digital communication, and the second processor-based system providing unauthorized call activity determination functionality to monitor connected calls at a point outside the digital data network and to provide call intelligence for use in determining whether a particular call between one of said plurality of telephone terminals and one of said user terminals should be allowed to continue.

2. (Currently amended) The system of claim 1, wherein the first voice signals and the second VoIP voice signals are transmitted between the first processor-based system and the second processor-based system via said digital communication comprises transmission of voice over Internet protocol data packets through said digital data network interface.

3. (Currently amended) The system of claim 1, wherein said first processor-based system provides call connection switching under control of said at least one aspect of call processing functionality provided switches the calls based on control by said second processor-based system.

4. (Currently amended) The system of claim 1, wherein the second processor-based system performs call routing for the calls claim 3, wherein said at least one aspect of call processing functionality provided by said second processor-based system comprises a call routing determination.

5. (Currently amended) The system of claim 1, wherein the second processor-based system verifies personal identification number (PIN) of a caller placing a call by one of said plurality of telephone terminals claim 3, wherein said at least one aspect of call processing functionality provided by said second processor-based system comprises a PIN verification determination.

6. (Currently amended) The system of claim 1, wherein the second processor-based system processes billing associated with placing a call using said plurality of telephone terminals claim 3, wherein said at least one aspect of call processing functionality provided by said second processor-based system comprises a billing determination.

7. (Currently amended) The system of claim 1, wherein said second processor-based system comprises a call processing platform providing at least one of billing, validation and routing associated with the calls made via remote call control with respect to said first processor-based system.

8. (Currently amended) The system of claim 7, wherein said call processing platform provides ~~centralized call control~~ at least one of billing, validation and routing associated with calls made via a third with respect to a plurality of processor-based system systems disposed at corresponding sites another prison facility for which calling services are provided.

9. (Currently amended) The system of claim 7, wherein said first processor-based system comprises a voice over Internet protocol gateway coupled between the plurality of telephone terminals and the digital data link.

10. (Currently amended) The system of claim 1, wherein said second processor-based system comprises a network edge device coupled to the digital data link ~~of said digital data network.~~

11. (Currently amended) The system of claim 10, wherein said network edge device ~~provides~~ comprises a gateway between said digital data network and the carrier network another network.

12. (Currently amended) The system of claim 11, wherein said ~~another carrier~~ network comprises a public switched telephone network.

13. (Original) The system of claim 10, wherein said network edge device comprises a voice over Internet protocol gateway.

14. (Currently amended) The system of ~~claim 1~~ claim 10, wherein said ~~at least one aspect of call processing functionality provided by said second processor-based system the~~ fraudulent or unauthorized call activity comprises a three-way call detection.

15. (Canceled)

16. (Currently amended) The system of claim 1, wherein said second processor-based system ~~provides~~ performs speech recognition on the calls placed by the plurality of telephone terminals operable with respect to at least one of said plurality of telephone terminals disposed within said prison facility and said user terminals external to said prison facility.

17-18. (Canceled)

19. (Currently amended) The system of claim 1 ~~claim 17~~, wherein ~~said plurality of call processing functions comprise the second processor-based system performs call monitoring and call recording on the calls placed by the plurality of telephone terminals.~~

20. (Canceled)

21. (Currently amended) A prison facility call processing system comprising:
a call processing platform coupled, via digital data links, to a plurality of prison facilities ~~for which calling services are provided located remotely from at least one of the plurality of~~ prison facilities, said call processing platform being coupled to a carrier network for establishing calls from a plurality of telephone terminals in the plurality of prison facilities providing calling connections, wherein said call processing platform includes call application management functionality controlling connecting calls over said digital data links and terminating in one of said plurality of prison facilities to said carrier network through said call processing platform, the call processing platform receiving first voice signals from the plurality of prison facilities via the digital data links and sending the first voice signals over a carrier network to called parties, the call processing platform receiving second non-VoIP (Voice over Internet Protocol) voice signals from the called parties via the carrier network and converting the second non-VoIP voice signals to second VoIP voice signals for transmission over the digital data links to the plurality of prison facilities, the call processing platform monitoring the second non-VoIP voice signals to detect providing fraudulent or unauthorized call activity in the calls determination functionality to monitor connected calls at a point outside the digital data links and to provide call intelligence for use in determining whether a particular call between a telephone terminal within one of said prison facilities and a user terminals external to said prison facilities should be allowed to continue; and

~~call processing gateways associated with ones of said plurality of prison facilities, wherein said call processing gateways operate to provide to process the second VoIP voice signals for transmission to the plurality of telephone terminals, the call processing gateways generating the first voice signals responsive to receiving call signals from the plurality of telephone terminals interfacing between analog user terminals and said digital data links, said~~

~~call processing gateways operable under control of said call processing platform to control connection of calls over said digital data links, wherein said call processing gateways are disposed at said plurality of prison facilities and said call processing platform is disposed remotely with respect to said call processing gateways.~~

22. (Currently amended) The system of claim 21, wherein said digital data links provide voice over Internet protocol data communication between said plurality of prison facilities and said call processing platform ~~to carry call content as digital data.~~

23. (Canceled)

24. (Currently amended) The system of claim 21, wherein said fraudulent or unauthorized call activity ~~detection~~ comprises a three-way call ~~detection~~.

25-29. (Canceled).

30. (Original) The system of claim 21, wherein said call processing gateways provide interfacing between at least one analog telephone line interface and said digital data links.

31. (Original) The system of claim 21, wherein said call processing gateways comprise voice over Internet protocol gateways.

32. (Original) The system of claim 21, wherein said call processing gateways provide at least one local area network interface for coupling a computer workstation to said call processing platform via said digital data links.

33. (Canceled)

34. (Currently amended) A method for providing prison facility call processing in a centralized call processing platform, said method comprising:
establishing a call from one of a plurality of telephone terminals in a plurality of prison facilities received via a digital data link to a called party outside the plurality of prison facilities, at least one of the plurality of prison facilities located remotely from the centralized call processing platform;

~~coupling a centralized call processing platform to a plurality of prison facilities via a digital data link receiving a first voice signal from the one of the plurality of telephone terminals; coupling converting the first voice signal for transmission said centralized call processing platform to over a carrier network for providing calling connections; interfacing one or more telephone terminal within said prison facilities with said digital data link;~~

receiving a second non-VoIP (Voice over Internet Protocol) second voice signal from the called party via the carrier network;

converting the second non-VoIP voice signal to a second VoIP voice signal for transmission over the digital data link to the one of the plurality of telephone terminals; and

~~invoking call application management functionality of said centralized call processing platform to control connecting calls over said digital data links and terminating with one of said telephone terminals to said carrier network through said call processing platform; and~~

monitoring the second non-VoIP voice signal for fraudulent or unauthorized call activity connected calls at a point outside the digital data links to provide call intelligence for use in determining whether a particular call between one of said telephone terminals and a user terminal external to said prison facilities should be allowed to continue.

35. (Canceled)

36. (Currently amended) The method of claim 34, wherein said fraudulent or unauthorized call activity comprises three-way calling.

37. (Canceled)

38. (Currently amended) The method of claim 34, ~~wherein said control connecting calls comprises further comprising:~~

validating an aspect of said call the call from the one of a plurality of telephone terminals;

determining call routing the call to the called party;

determining call acceptance of the call by [[a]] the called party, the call established responsive to the acceptance of the call by the called party; and

creating call billing information associated with the call.

39. (Currently amended) The method of claim 34, ~~wherein said call application management functionality comprises~~ further comprising performing speech recognition on the call.

40. (Currently amended) The method of claim 34, further comprising recording the call ~~wherein said call application management functionality comprises call recording~~.

41. (New) The system of claim 1, wherein the second processor-based system discontinues the calls responsive to detecting the fraudulent or unauthorized call activity in the calls.

42. (New) The system of claim 21, wherein the call processing platform discontinues the calls responsive to detecting the fraudulent or unauthorized call activity in the calls.

43. (New) The method of claim 34, further comprising discontinuing the call responsive to detecting the fraudulent or unauthorized call activity